

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/948,149DATE: 04/22/98  
TIME: 09:52:02

INPUT SET: S25177.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

## SEQUENCE LISTING

ENTERED

1  
2  
3 (1) General Information:  
4  
5 (i) APPLICANT: Fendly, Brian M.  
6 Phillips, Gail D.  
7 Scheuermann, Richard H.  
8 Uhr, Jonathan W.  
9  
10 (ii) TITLE OF INVENTION: Anti-ErbB2 Antibodies  
11  
12 (iii) NUMBER OF SEQUENCES: 9  
13  
14 (iv) CORRESPONDENCE ADDRESS:  
15 (A) ADDRESSEE: Genentech, Inc.  
16 (B) STREET: 1 DNA Way  
17 (C) CITY: South San Francisco  
18 (D) STATE: California  
19 (E) COUNTRY: USA  
20 (F) ZIP: 94080  
21  
22 (v) COMPUTER READABLE FORM:  
23 (A) MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
24 (B) COMPUTER: IBM PC compatible  
25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
26 (D) SOFTWARE: WinPatin (Genentech)  
27  
28 (vi) CURRENT APPLICATION DATA:  
29 (A) APPLICATION NUMBER:  
30 (B) FILING DATE:  
31 (C) CLASSIFICATION:  
32  
33 (vii) PRIOR APPLICATION DATA:  
34 (A) APPLICATION NUMBER: 60/028811  
35 (B) FILING DATE: 10/18/96  
36  
37 (viii) ATTORNEY/AGENT INFORMATION:  
38 (A) NAME: Lee, Wendy M.  
39 (B) REGISTRATION NUMBER: 40,378  
40 (C) REFERENCE/DOCKET NUMBER: P1053R2  
41  
42 (ix) TELECOMMUNICATION INFORMATION:  
43 (A) TELEPHONE: 650/225-1994  
44 (B) TELEFAX: 650/952-9881  
45 (2) INFORMATION FOR SEQ ID NO:1:  
46

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47 (i) SEQUENCE CHARACTERISTICS:  
48 (A) LENGTH: 166 amino acids  
49 (B) TYPE: Amino Acid  
50 (D) TOPOLOGY: Linear  
51  
52 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
53  
54 Cys Thr Gly Thr Asp Met Lys Leu Arg Leu Pro Ala Ser Pro Glu  
55 1 5 10 15  
56  
57 Thr His Leu Asp Met Leu Arg His Leu Tyr Gln Gly Cys Gln Val  
58 20 25 30  
59  
60 Val Gln Gly Asn Leu Glu Leu Thr Tyr Leu Pro Thr Asn Ala Ser  
61 35 40 45  
62  
63 Leu Ser Phe Leu Gln Asp Ile Gln Glu Val Gln Gly Tyr Val Leu  
64 50 55 60  
65  
66 Ile Ala His Asn Gln Val Arg Gln Val Pro Leu Gln Arg Leu Arg  
67 65 70 75  
68  
69 Ile Val Arg Gly Thr Gln Leu Phe Glu Asp Asn Tyr Ala Leu Ala  
70 80 85 90  
71  
72 Val Leu Asp Asn Gly Asp Pro Leu Asn Asn Thr Thr Pro Val Thr  
73 95 100 105  
74  
75 Gly Ala Ser Pro Gly Gly Leu Arg Glu Leu Gln Leu Arg Ser Leu  
76 110 115 120  
77  
78 Thr Glu Ile Leu Lys Gly Gly Val Leu Ile Gln Arg Asn Pro Gln  
79 125 130 135  
80  
81 Leu Cys Tyr Gln Asp Thr Ile Leu Trp Lys Asp Ile Phe His Lys  
82 140 145 150  
83  
84 Asn Asn Gln Leu Ala Leu Thr Leu Ile Asp Thr Asn Arg Ser Arg  
85 155 160 165  
86  
87 Ala  
88 166  
89  
90 (2) INFORMATION FOR SEQ ID NO:2:  
91  
92 (i) SEQUENCE CHARACTERISTICS:  
93 (A) LENGTH: 32 amino acids  
94 (B) TYPE: Amino Acid  
95 (D) TOPOLOGY: Linear  
96  
97 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
98  
99 Ser Thr Gln Val Cys Thr Gly Thr Asp Met Lys Leu Arg Leu Pro

# RAW SEQUENCE LISTING PATENT APPLICATION US/08/948,149

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100      1          5          10          15
101
102  Ala Ser Pro Glu Thr His Leu Asp Met Leu Arg His Leu Tyr Gln
103                20                25                30
104
105  Gly Cys
106      32
107
108  (2) INFORMATION FOR SEQ ID NO:3:
109
110      (i) SEQUENCE CHARACTERISTICS:
111          (A) LENGTH: 59 amino acids
112          (B) TYPE: Amino Acid
113          (D) TOPOLOGY: Linear
114
115      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
116
117  Val Glu Glu Cys Arg Val Leu Gln Gly Leu Pro Arg Glu Tyr Val
118      1          5          10          15
119
120  Asn Ala Arg His Cys Leu Pro Cys His Pro Glu Cys Gln Pro Gln
121                20                25                30
122
123  Asn Gly Ser Val Thr Cys Phe Gly Pro Glu Ala Asp Gln Cys Val
124                35                40                45
125
126  Ala Cys Ala His Tyr Lys Asp Pro Pro Phe Cys Val Ala Arg
127                50                55                59
128
129  (2) INFORMATION FOR SEQ ID NO:4:
130
131      (i) SEQUENCE CHARACTERISTICS:
132          (A) LENGTH: 97 amino acids
133          (B) TYPE: Amino Acid
134          (D) TOPOLOGY: Linear
135
136      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
137
138  Val Asn Cys Ser Gln Phe Leu Arg Gly Gln Glu Cys Val Glu Glu
139      1          5          10          15
140
141  Cys Arg Val Leu Gln Gly Leu Pro Arg Glu Tyr Val Asn Ala Arg
142                20                25                30
143
144  His Cys Leu Pro Cys His Pro Glu Cys Gln Pro Gln Asn Gly Ser
145                35                40                45
146
147  Val Thr Cys Phe Gly Pro Glu Ala Asp Gln Cys Val Ala Cys Ala
148                50                55                60
149
150  His Tyr Lys Asp Pro Pro Phe Cys Val Ala Arg Cys Pro Ser Gly
151                65                70                75
152

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153 Val Lys Pro Asp Leu Ser Tyr Met Pro Ile Trp Lys Phe Pro Asp  
154 80 85 90  
155

156 Glu Glu Gly Ala Cys Gln Pro  
157 95 97  
158

159 (2) INFORMATION FOR SEQ ID NO:5:  
160

161 (i) SEQUENCE CHARACTERISTICS:  
162 (A) LENGTH: 11 amino acids  
163 (B) TYPE: Amino Acid  
164 (D) TOPOLOGY: Linear  
165

166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
167

168 Pro Lys Asn Ser Ser Met Ile Ser Asn Thr Pro  
169 1 5 10 11  
170

171 (2) INFORMATION FOR SEQ ID NO:6:  
172

173 (i) SEQUENCE CHARACTERISTICS:  
174 (A) LENGTH: 7 amino acids  
175 (B) TYPE: Amino Acid  
176 (D) TOPOLOGY: Linear  
177

178 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
179

180 His Gln Ser Leu Gly Thr Gln  
181 1 5 7  
182

183 (2) INFORMATION FOR SEQ ID NO:7:  
184

185 (i) SEQUENCE CHARACTERISTICS:  
186 (A) LENGTH: 8 amino acids  
187 (B) TYPE: Amino Acid  
188 (D) TOPOLOGY: Linear  
189

190 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
191

192 His Gln Asn Leu Ser Asp Gly Lys  
193 1 5 8  
194

195 (2) INFORMATION FOR SEQ ID NO:8:  
196

197 (i) SEQUENCE CHARACTERISTICS:  
198 (A) LENGTH: 8 amino acids  
199 (B) TYPE: Amino Acid  
200 (D) TOPOLOGY: Linear  
201

202 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
203

204 His Gln Asn Ile Ser Asp Gly Lys  
205 1 5 8

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207 (2) INFORMATION FOR SEQ ID NO:9:

208

209 (i) SEQUENCE CHARACTERISTICS:

210 (A) LENGTH: 8 amino acids

211 (B) TYPE: Amino Acid

212 (D) TOPOLOGY: Linear

213

214 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

215

216 Val Ile Ser Ser His Leu Gly Gln

217 1 5 8

218

219

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/948,149**

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Line

Error

Original Text